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a Success, Tailgate
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Allen County HamNews

Fort Wayne Radio Club

Fort Wayne DX Association

Allen County Amateur Radio Technical Society

August 2014
Volume 15
Issue 8

THE FOX HUNT CHRONICLES THE JULY FOX HIDES IN A MOSQUITO SANCTUARY

Well, halfway through this beautiful summer, on a clear and muggy 13th of July, three foxhunt teams gathered at the Ft. Wayne Safety Academy as the starting point for this month's contest. The three teams consisted of Jim & Kim Machamer, KB9's DOT & DOS plus their nephew Brandon, the team of Steve & Linda Nardin, W9's SAN & LAN plus grandson Alex, and a team consisting of Charles Ward, KC9MUT, Fred Gengnagel, KC9EZP and Ben Myers, N9IRX.

Robert Dean, KC9UHU single-handedly served as this month's fox and he was hidden out at the Little Cedar Creek Wildlife Sanctuary at the end of Sunlight Lane off East Fitch Rd. in extreme northern Allen County. He injected 50 watts into a quad at about 16' as the high power fox, and employed the microprocessor based micro fox rig, running around 10 milliwatts, ensconced in a tree trunk, as the low power fox. Both emitted on 146.430 MHz.

The fox commenced transmitting promptly at 13:30 hours and produced extremely weak, but readable signals at the Safety Academy site indicating that the action was to the north, so to the north ev-



The August FWRC Fox Hunt will be Sunday, August 3rd, at 1:30 pm. The hunt will start from the parking lot of the former Marsh Supermarket, 7231 Maplecrest Road at the intersection of Maplecrest Road and Rothman Road on the northeast side of Fort Wayne. The Fox frequency will be the input to the 146.76 repeater (146.16) and the Foxes are Jim and Kim, KB9DOT & KB9DOS. The 146.76 will also serve as the intercom for the event.

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Internet Home Pages

Fort Wayne Radio Club:	http://www.FWRC.info/
	http://groups.yahoo.com/group/FWRC/
ACARTS:	http://www.acarts.com
Fort Wayne DX Association:	http://www.qsl.net/fwdxa/
ARES:	http://groups.yahoo.com/group/Allen_Co_IN_ARES/
IN_PACKET Yahoo Group:	http://groups.yahoo.com/group/IN_PACKET/

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN 46885), the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN 46851), and the Fort Wayne DX Association.

Please send any articles, classified ads, or other information to the editor, Ken Helms, AB9ZD, at ab9zd at arrl.net. Please put "For Newsletter" in the subject line. Most text and graphics formats are acceptable. Microsoft Word and JPEG are preferred if separate files are used. For those without computer access, please mail your submission to either of the clubs post office boxes.

The deadline for the each issue is the last day of the preceding month.

Hamsplatter

Fort Wayne Radio Club P.O. Box 15127, Fort Wayne, IN

THE PRESIDENT'S CORNER

As we head toward Autumn, the summer has been a great one for Amateur Radio. The club has had its first on line auction, and the results have been very successful. So far, with everyone paid up, the club stands to gain about \$500 from the effort. Thanks to everyone that helped out in cataloging and moving all the equipment, also in the June meeting to selling the remaining items. There is a small amount of parts left over and these will be sold at the Tail Gate Hamfest.

Since the first attempt at an on line auction went pretty good, we are working on a second one, which should be starting up any day now. The widow of KA9QMI has asked for our help with his equipment and we will be ready to release the information by the time that you read this. Again, check for details on the club website. This equipment is mostly vintage, but with a more solid state bent. Again, all really clean stuff, and we will try to have a better level of checkout to minimize issues with the gear. The pickup date will be on August 15th, location will be at the FWRC Tail Gate Hamfest.

July's Fox Hunt is a memory now, and this newsletter will probably not reach you in time for the August Hunt. We will be starting from the Marsh Food Store parking lot at the corner of Maplecrest Road and Rothman Road, and the Fox will be on the input to the 146.76 repeater. Watch the club website again for details. If you are interested in learning the ropes on Fox Hunting, we are doing ride-alongs. Come and watch the old timers and some of the newbies and learn how we do it!



On August 15th at 6:30 PM, we will have this year's edition of the FWRC Tail Gate Ham Fest, in the parking lot at Good Shepherd United Methodist Church. As always, this is a totally free event. It is a great time to get out in the fresh air and see a lot of the hams you may talk with on the radio. (and if you have a nice ride, why not drive it out and show it off!!)

We are looking at doing a 50th anniversary Special Event Station for the folks at IPFW. The details are still completely up in the air, but stay tuned, as we work this out we will post them on the club website and put them on the air as well.

I hope everyone is having a great summer! Catch you on the air.

Best regards,
Steve Nardin, W9SAN

In Other News . . .

There will be a W5YI test session Saturday, August 2, from 9 a.m. to 11 am at the Boy Scout office, 8315 W. Jefferson Blvd.

On Tuesday, August 5th, the FWRC will have its board of directors meeting, at 7 p.m. at the Good Shepherd United Methodist Church, 4700 Vance Ave in Fort Wayne, room 138. Everyone is invited to attend.

An on-line auction of equipment from the KA9QMI estate is planned. Watch the club web page for more information.



August 15: The FWRC Tail Gate Ham Fest in the parking lot at Good Shepherd United Methodist Church.

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Webmaster

Jay Farlow, W9LW

Unless otherwise scheduled, all meetings are held at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.

FORT WAYNE RADIO CLUB MEETING MINUTES

The July meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church on 18 July, 2014, and was hosted by club president Steve Nardin, W9SAN. There were about 30 people in attendance for this meeting, and, after reciting the Pledge of Allegiance, everyone present introduced themselves via their call-sign.

Joseph Lawrence, KB9RFZ, our ARRL Indiana Section Manager noted that the ARRL's 100th anniversary celebration would be recognized by Indiana ARRL members operating under the Centennial QSO Party call sign W1AW/9 from 23 through 29 July. He encouraged all to listen up for the W1AW/9 call and make contact with it this coming week.

Joseph also announced that In June, 2014 with Congressman Adam Kinzinger (IL-16) as the sponsor and Congressman Joe Courtney (CT-2) as co-sponsor, HR 4969 - the "Amateur Radio Parity Act of 2014" - was introduced into the 113th Congress. This bipartisan effort would direct the FCC to extend the "reasonable accommodation" provisions for Amateur Radio antennas to include all types of land-use regulation, including deed restrictions and restrictive covenants. Details of what the proposed legislation is all about, and what YOU can do and how YOU can support it can be found on the ARRL's web page at:

<http://www.arrl.org/hr-4969>

Joseph, and the Board of Directors and Officers of the FWRC encourage you to do so.

Treasurer Bob Streeter, W8ST stated the club's financial position as follows:

"Let the good times roll",

No, just kidding, what he really said was:

"As of 18 July, 2014 the FWRC had realized income of \$4,965.15, expenses of \$2,131.21, and had cash on hand of \$101.60, a checking balance of \$3,097.47 and a savings balance of \$8,047.91".

While on the subject of club financials it was noted that the club realized an income of \$283.00 from the Field Day Hog

Roast and Sunday morning breakfast against corresponding expenses totaling \$360.30, plus additional expenses of \$41.67 for fuel and miscellaneous Field Day items.

And finally, Bob reported that the club had realized a net income totaling \$549.25 from the sale of items from the Dan Spencer, K9LFZ estate.

Steve Nardin noted that the club had agreed to handle the sale of ham radio items from another silent key, Bob Zollinger, KA9QMI's estate. Steve, Tom Baker, K9TB and Al Burke, WB9SSE have inventoried the Zollinger items and have taken pictures of each piece. Plans are to put the items up for auction on the FWRC web site, as was done for the Dan Spencer material. Conclusion of the Zollinger auction is expected to occur prior to the September club meeting. Steve showed pictures of each item along with a brief description as a part of his post-business meeting presentation.

Al Burke reported that the Indiana Repeater Council is recommending that we implement 97.4 Hz tones on the output, as well as the input of our 146.76, 146.91, 146.94 and 444.875 MHz machines rather than just on the inputs. (We currently have a 131.8 Hz tone on the outputs). As a practical matter, it will be necessary to implement the same tones on both the input and output, so the IRC's recommendation will automatically be accommodated.

Al also noted that a maintenance action is planned for both the 146.910 machine, and the 146.760 machine. The RF side of the .91 system is working but the (Echo-Link) computer is not and thus it has no Echo-Link functionality. The .76 system is working but sometimes in a degraded mode. So a maintenance trip to both sites is planned as soon as practical to fix the boo-boos.

Following the business meeting Steve Nardin presented a wrap-up of the FWRC's VHF QSO Party activity and of the club's Field Day competition. Stats for the VHF QSO Party were as follows:

- Utilized three Bands, 50, 144 & 432 MHz

- Operated with one rig, an FT-847
- Operated for 24 hours
- Had 103 contacts
- Total Multipliers: 55
- Claimed score: 6380

Likewise stats for the Field Day effort were:

- Used Dolnick Center on IPFW's campus
- Operated as "6A"
- Started during a thunderstorm
- Lousy conditions on 6, 2 and 10 meters, but good on 15
- Wi-Fi for contesting logging system performed without a hitch
- GOTA stations and crew worked fine, could have stood for 'Girls On The Air'
- Hog Roast Saturday and breakfast Sunday were "outstanding"
- Set-up and tear-downs were quick, efficient, and most importantly accomplished with no injuries
- 908 CW contacts, 42 Digital contacts, 420 Phone contacts for a total of 1,370 contacts
- Claimed score: 4640
- Bonus points (excluding GOTA, yet TBD): 880
- Current total score (excluding GOTA): 5520

Respectfully submitted,

Al Burke, WB9SSE

Secretary, FWRC

Say Again?

"In politics, stupidity is not a handicap."

*Napoleon Bonaparte,
Emperor of the French and King
of Italy, military and political leader
during the French Revolution*

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

August is the month for the ACARTS picnic. It will again be held at the QTH of Jim Boyer, KB9IH, at 3031 Wilderness Road, Fort Wayne, near Dupont and I-69. Jim has indicated that he will again try his hand at grilling hamburgers. The picnic will be held August 17th at 1:00 p.m. The club will supply the hamburgers, and it would be appreciated if you would bring a side dish or a dessert. A good time and good conversation is always had by all those that attend. Spouses are encouraged to attend. Please



feet on the tower. This gave us a way to determine if any physical damage could be seen, as well as verifying what type of antenna is currently installed, and the length of the jumper between the hard-line and the antenna. This will reduce a tower climber's time if it is determined that the antenna and jumper need to be replaced. I don't think that is in the Section Manager's job description, but his help is very much appreciated.

73, Dave Lindquist, W9LKH

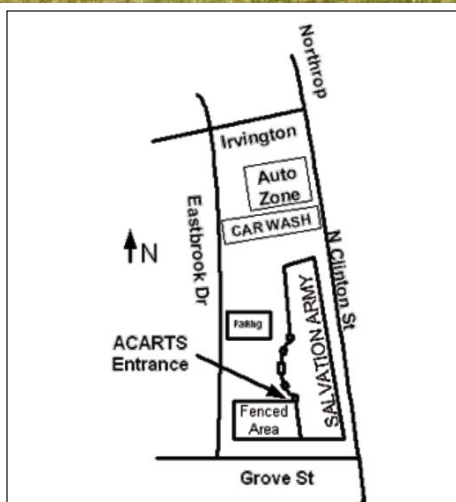


Photo of Dave, W9LKH and Jim, KB9IH
by Joseph, K9RFZ

let Jim know if you plan to attend by contacting him at kb9ih(at)arrl.net or calling 260-489-8700.

Many thanks to Joseph, K9RFZ, for taking a Saturday evening to set up his telescope near WANE-TV to view and photograph the 146.88/443.800 antenna at 575

August 16: ACARTS Picnic starting at 1 PM at the QTH of Jim Boyer, KB9IH at 3031 Wilderness Road, Fort Wayne, near Dupont and I-69.



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W4DXCC DX AND CONTEST CONVENTION

The W4DXCC DX and Contest Convention is the South East's largest and best attended ham radio event for 10 years running. Located at the MainStay Suites in Pigeon Forge Tennessee September 26-27th. A full schedule of popular presenters speak on DX and Contest subjects throughout the main convention with prize drawings between presenters, drinks and snacks included. Major equipment manufacturers are on hand to demonstrate new products and answer your equipment questions face to face. A banquet rounds out the day where the grand prizes are drawn.

The Convention is just a easy drive from Indiana.

A full range of shopping for the family is located nearby along with water parks, go cart tracks and Dollywood for the kids. Bring the family for a wonderful weekend full of Fun.

Check out the WEB site for more details, filling fast, book early www.W4DXCC.com

We look forward to seeing you attend this year.

Thank You in advance, 73

Dave Anderson, K4SV

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www.W4DXCC.com

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**Our
42nd
BIG
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HAMFEST
& Computer Expo**

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4000 Parnell Avenue -- corner of Coliseum Blvd (Ind 930) and Parnell Avenue -- N 41 06.878 W 85 07.388

November 15/16, 2014

The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 7.

Articles, photographs, and classified ads for publication in the Allen County HamNews should be emailed to the newsletter editor at AB9ZD (at) ARRL. NET several days before the first of the month.



LINCOLN HIGHWAY HAM RADIO EVENT

Hello, I am need of some assistance. A group of amateurs in the eastern US are attempting a coast-to-coast link along the Lincoln Highway. We are needing repeaters along the highway that have either AllStar, Echolink, or IRLP to participate. Could you please spread the word, and if anyone is interested, please have them contact me. More information is on my website

<http://kd8biw.com/lincoln-highway-link-up/>

Thank you!

Steve Denbow | KD8BIW

Ohio 220 Group

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www.kd8biw.com

DONATIONS NEEDED TO SUPPORT NTSD EQUIPMENT BANK OPERATION

NTS Digital operates an equipment bank that provides loans of Pactor 1 TNCs to new operators who want to participate in NTSD as a Digital Relay Station. The bank also loans VHF packet TNCs to operators who might want to access Winlink 2000 (WL2K) via a local RMS Packet gateway. The loan of this equipment is free plus a \$15 shipping charge.

The equipment bank has been in operation for over eight years and during that time it has supplied equipment to over two dozen new operators. The TNCs available are loaned to the new operator to use until such time as they leave NTSD or upgrade to something better. At that time they are obligated to return the TNC to the equipment bank for possible loan to another new operator.

The equipment bank TNC inventory is getting rather low. If you have an older Kantronics KAM or KAM Plus or an AEA PK-232 MBX please consider donating it to the equipment bank. Also if you see one of these rather cheaply at a hamfest, why not buy it and donate it to the equipment bank?

Please note: The older AEA plain PK-232 (i.e the non MBX model) cannot be used for Pactor1 without an expensive daughter board add on so please don't swamp me with these.

Contact me at email wb2ftx@optonline.net or radio-email wb2ftx@winlink.org

Lastly, the equipment bank can also use any cash contributions to help continue its operation

73

Dave WB2FTX

Eastern Area Digital Coordinator-NTSD

NTSD Equipment Bank Manager

<http://www.arrl.org/files/file/Public%20Service/MPG604A.pdf>

FWDXA

Fort Wayne DX Association

WHAT IS IT?

Carl Luetzelschwab K9LA

In early May, Jim KR9U passed along an old picture (see the accompanying photo) to the Fort Wayne DX Association mailing list. He asked "What is it?"

Here are the responses from those on the FWDXA mailing



list:

AF9Y – A future look at the 2017 Obamacare medical lab. KR9U replied "Sorry, this thing works."

KA9A – Are we really sure that this isn't a 160 meter amp by K9UWA? K9UWA then replied

"I represent that!!"

KB9MI – Does it work on 11 meters?

K9LA – It's a stage prop for the movie set of Young Frankenstein.

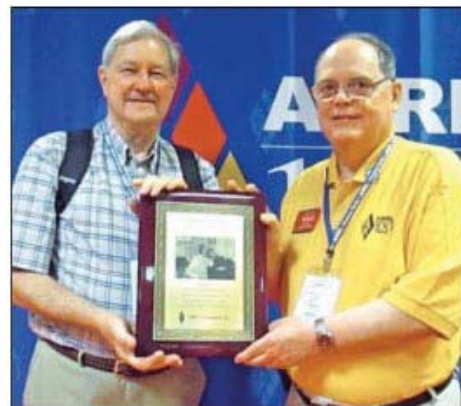
KR9V – She's Hot!!! We are talking about the girl, right? W9UJ then commented "Yeah, obviously her presence helps the tubes warm up faster."

W9UJ – It's a hair curler!

WB9NOO – I thought it was a Swedish QSL card (SHORPY is in the lower right-hand corner - Ed), but could not find SHØRPY in the Call Book.

In spite of all the great answers, KR9U said 'no' to all. At the July 9 FWDXA meeting, he revealed that the true answer is that it shows the assembly of an old-time shipboard transmitter for LF service (presumably around 500 kHz).

CARL LUETZELSCHWAB, K9LA, RECEIVES ARRL FOUNDATION TECHNICAL WRITING AWARD



From the August issue of QST

On Friday, May 16, ARRL presented the 2013 Bill Orr, W6SAI, Technical Writing Award to Carl Luetzelschwab, K9LA. The ARRL Foundation selected Luetzelschwab for his article "The Sun and the Ionosphere," which appeared in the March 2013 issue of QST. Luetzelschwab, who frequently writes on solar and propagation phenomena, is the author of the "Propagation" column for NCJ - National Contest Journal. Central Division Director Dick Isely, W9GIG, presented Luetzelschwab with the award plaque, on behalf of the ARRL Foundation. [Becky Schoenfeld, W1BXY, photo]



The Fox Hunt Chronicles - Continued

everyone proceeded. The Nardin team was following Kim & Jim up Coldwater Rd. way north of Dupont when it spotted Charles and crew buzzing rapidly south on Coldwater as if the Cap-N-Cork were passing out free cold beer samples.

Although we were thirsty and a cold beer sounded really good, we none-the-less continued north tracking the continuously improving fox signal level until we found the Cedar Creek Wildlife Sanctuary near an unmarked housing addition. It should be noted that the Cedar Creek Sanctuary turned out to be a sanctuary mainly for mosquitoes...thank goodness that Kim Machamer brought some bug spray.

As usual, aside from the mosquitoes, our presence attracted the local inhabitants who wondered "what the heck them city folks was up to?," including one who got off his tractor to check us out, and ask if we were lost. Other curious neighbors peppered Robert with questions, and one



curious fellow asked if we could track him if he was wearing a dog collar/transmitter. Linda offered to give it a try if he would agree to activate the zapper function on the collar. He declined.

With the aid of our just completed active attenuators, once on foot we located the micro-fox, ninety-five minutes (and 25.1 miles) into the hunt. We were followed by Jim & Kim one minute later (and 24.8 miles travelled), and then by Charles, Fred and Ben at 115 minutes (and 34.3 miles).

Based upon elapsed time and distance travelled, it turns out that Kim & Jim were this month's winners beating out our team by just one-half a point! So they will serve as the fox for the August competition.

Following conclusion of the hunt everyone buzzed over to Culver's on Dupont to tend to their mosquito bites and to refuel.

Jim & Kim will decide from what location to commence the August hunt and what fox frequency to use, and will so notify interested parties in the near future.

A photo of the participants is on page 1. The scores as of the July hunt are listed in the table below.

The August FWRC Fox Hunt will be Sunday, August 3rd, at 1:30 pm. The hunt will start from the parking lot of the former Marsh Supermarket, 7231 Maplecrest Road at the intersection of Maplecrest Road and Rothman Road on the northeast side of Fort Wayne.

FOX HUNT YEAR TO DATE POINTS

	KC9MUT	KC9EZIP	N9IRX	AB9IZ	K9NDU	KC9UHU	W9SAN	W9LAN	Alex	K9OMA	KA9YYI
This Hunt	369.5	369.5	369.5	-	-	845.2	511.5	511.5	511.5	-	
Total	3290	3290	369.5	675.5	3022.5	4634.7	3294	3294	1590.5	1831.8	1831.8
	WB9RUS	WB9SSE	KB9DOS	KB9DOT	Brandon						
This Hunt	-	-	512	512	512						
Total	2451.3	2451.3	3018	3018	512						

BOB HEIL - BIOGRAPHICAL TV CLIP

2014 Fox Hunt Schedule

The following are the planned Fox-hunt dates 2014. All foxhunts start at 1:30 PM on Sunday. Locations to be announced:

August 3
September 7
October 5
November 2

Many ham radio enthusiasts use Heil microphones and other audio equipment. If you would like to know more about Bob Heil, founder of Heil Sound and designer of most of their products, then there is a 10-minute clip on YouTube about him.

The clip is from St. Louis TV station KETC. Living St. Louis Producer Ruth Ezell visits with Bob Heil, a respected and innovative creator of sound systems. Heil got his start playing Hammond organs as a young teen, and then took lessons from the legendary Stan Khan, the organist at the Fabulous Fox Theatre. From there he opened up Ye Old Music Shop in Marissa, Illinois, and became the premier name for

sound systems, creating them for bands such as The Who, Grateful Dead, The Eagles, Dolly Parton and Jerry Lee Lewis. Heil later closed the music shop to focus on creating microphones for ham radio operators, but become involved with the music industry once again when Joe Walsh—a friend of Heil's and ham radio user—discovered Heil's ham radio mic provided better sound than any other mic he'd tried on stage. In June 2006 he became the only manufacturer to have a display in the Rock n Roll Hall of Fame.

The clip is at:

<https://www.youtube.com/watch?v=vc19UqLK5Pg>

LOCATION, LOCATION, LOCATION

By Jay Farlow, W9LW, quadrant two director, IMO SKYWARN

There is an old adage in the real estate business that the three most important factors in property value are location, location and location. As SKYWARN storm spotters, the way we report the locations of the severe weather we witness is equally important.

The National Weather Service (NWS) relays many of our reports in a text product it calls a "local storm report." The way the NWS describes locations in LSRs is informative to spotters. Here's an example LSR:

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		
0502 PM	TSTM WND DMG	4 SW LEO-CEDARVILLE	41.18N 85.08W
07/27/2014		ALLEN IN	PUBLIC
DOWNED TREE ON STATE ROAD 1 AND TONKEL RD. OTHER DEBRIS ON THE ROAD.			

Notice how the LSR gives the location first by identifying the distance and compass direction from the center of the nearest town or village, then by county, then by state. The LSR might then mention a road intersection in the "remarks" section (but it does not always do so).

Whenever we make a spotter report to the NWS, if we don't indicate our distance and direction from the center of the nearest town or village, some busy NWS staff member must figure that out. We can really help the NWS, therefore, by knowing where we are in relation to the nearest town or village and including that information in our reports.

I learn best by example. In case you're like that, below are some actual spotter reports from an NWS transcript of a recent severe weather event, followed by an example of how the location information could have been more helpful:

Original report: Nearly quarter-size hail, SR 13 and South County Line Road.

More helpful: Kosciusko County, 1 mile north of Syracuse, intersection of state road 13 and the Kosciusko-Elkhart county line.

Original report: U.S. 33 and State

Road 205, about 2 minutes Duration, Dime-size hail.

More helpful: Whitley County, in Churubusco, intersection of US 33 and SR 205.

Original report: State Road 427 at Allen-DeKalb county line. About 3 min of dime-size hail. Estimated 50-60 MPH winds. Heavy rain.

More helpful: DeKalb County, 7 miles south of Auburn, intersection of DeKalb County Road 427 and the Allen-DeKalb County line. (Side note: As spotters, we should try to remain aware of the cor-

rect and current names of the roads we are using. The road that runs between Fort Wayne and Auburn was once called "State Road 427" but ceased to be a state road years ago. In DeKalb County, it is now called "County Road 427" and in Allen County, it is correctly known as "Tonkel Road." Because this spotter was at the county line, he could also have given his location as, "Allen County Indiana, 4.5 miles northwest of Leo-Cedarville, intersection of Tonkel Road and the Allen-DeKalb county line" (making the road and town name match the county name))

Original report: Edgerton Road and County Line Road, 1.5 minutes of dime-size hail and measured 57 mph winds.

More helpful: Allen County Indiana, 4 miles southeast of Woodburn, intersection of Edgerton Road and the Indiana-Ohio line. (Note: when at a county line, it is helpful to give the names of both counties to reduce ambiguity. If the county line is also a state line, identifying the state line is probably more helpful).

Original report: Pea-Size hail between Hamilton and Yoder roads on Smith Road. 1 min duration.

More helpful: Allen County Indiana,

1.5 miles northwest of Yoder, Smith Road between Hamilton Road and Yoder Road. (Alternatively, "2.5 miles south of Fort Wayne International Airport" might have been just as helpful at "1.5 miles northwest of Yoder.")

As a spotter myself, I know it can be challenging to figure out how far I am "as the crow flies" from the nearest town, especially in the excitement of seeing a funnel cloud. But if you think it's challenging from where you are, imagine what it must be like for a very busy NWS meteorologist, who is handling reports from any of 37 counties. I therefore offer these recommendations:

- When possible, pick a location from which to watch the skies and stay there. After you arrive, and before the weather gets severe, use a map to figure out the approximate distance and direction to the center of the nearest village, town or city. Many experienced spotters always spot from one of a few locations and therefore become familiar not only with how to describe those locations, but also how far away various visible landmarks are. This is good practice.
- If you've just moved to a location from which you haven't spotted before, reportable weather is already there and you don't have time to consult a map to see how far you are from, say, the center of East Joeville, take your best guess. Even an estimate will help, when combined with the county you're in and a road intersection.
- If you're spotting from inside the city limits of a large city like Fort Wayne, it's probably more helpful to report your location as what part of town you're in. For example, "Allen County Indiana, extreme northern Fort Wayne, intersection of Dupont Road and Coldwater Road" might make more sense than "Allen County, Indiana, 7 miles north of Fort Wayne, intersection of Dupont Road and Coldwater Road." While that intersection is about 7 miles from the center of the city, some might infer from "7 miles north of Fort Wayne" that you're outside of the city, when in fact that intersection is within the city.
- Include the intersection information.

Even if NWS doesn't need it, it is helpful to other spotters, broadcasters and emergency managers.

- Remember that the quadrant served by the 146.88 MHz repeater includes two Allen Counties; one in Indiana and one in Ohio. Therefore, whenever your location is in Allen County, include the

state name. Even though it might be obvious to others on the frequency, it can be helpful to NWS staff members.

In case we forget to include our distance and direction from the center of the nearest town, I've asked SKYWARN net control station (NCS) operators to request that information, when time permits. If

the frequency is flooded with reports, there might not always be time for such inquiries, but NCS operators should ask whenever time permits and a spotter forgets to provide the information.

Let me know if you have any questions. You can reach me at w9lw@arrl.net.

NWS PLANNING MORE SKYWARN TRAINING IN 2015

The northern Indiana office of the National Weather Service preliminarily plans to conduct live SKYWARN spotter training next year in Allen County, Indiana and five of the other nine counties that make up IMO SKYWARN quadrant two, according to an email message the NWS sent to county emergency managers. The NWS expects to have an improved budget beginning next year, which would allow it to schedule annual sessions in the most populated of the 37 counties of its county warning area (including Allen County, Ind. and Allen County, Ohio) and biennial sessions in other counties. Every county that hosts a biennial session has an adjacent "partner" county that it is also hosting.

Below is a list of other quadrant-two counties (in addition to the two Allen Counties) in which NWS plans to conduct live SKYWARN training in 2015 and their

2015 "partner" counties:

2015 Host	2015 Partner(s)
Huntington	Whitley
Adams	Wells
Jay	Blackford
Paulding	Van Wert, Putnam

Of course, any interested person is welcome at any training session, regardless of where that person lives. The NWS will set exact dates for each training session later this year. The Allen County (Ind.) Office of Homeland Security plans to request the dates of the February or March ACARTS general meeting, but we don't know yet if NWS work schedules will support those dates.

More information will appear in this column as it becomes available.

FWRC REPEATER OUTPUT TONES

The output tone on the 146.76 repeater has also been reprogrammed to the new North East standard of 97.4 Hertz. If you have been using this for a cross band repeat, you may need to change it for proper operation.

This makes the 146.91 and 146.76 machines on the new tone for the **OUTPUT only**.

We will inform you when the 146.94 and 444.875 have made the change. Output tones will be eventually changed to 97.4 Hz for the four FWRC FM repeaters. We will inform you when this takes place.

There is no tone requirement on the inputs.

FIRST NIARC FOX HUNT IN DeKALB COUNTY

The Plan

The first of (hopefully) a series of DeKalb County Fox Hunts will begin at 1:00 p.m. Sunday, July 20 at the back parking lot of Cracker Barrel Restaurant on SR 8 at I-69 exit #329 (old #129).

After a brief meeting and discussion, the Fox will be released to seek his "hiding place" and begin transmitting on simplex 146.565. The Fox will reveal the starting time of the transmissions when he departs.

The Fox and Fox Hunters will use the 147.015 machine for coordination and communications. Please do not transmit on the Fox frequency.

At the announced starting time, Hunter teams will begin the search. As each team visually locates the Fox, their time will be recorded and they are asked to retreat a reasonable distance so that the re-

maining teams can complete their search. The time limit for this hunt is one and one-half hours, 90 minutes from the start of transmissions.

The Fox is cunning and sly. Unlike a tower-mounted antenna, the Fox is located near (or on) the ground and in a position subject to signal reflections and blockages. A strong signal from one direction may really be a reflection from the true Fox location, so beware the Fox! The Fox may also be wearing "sheep's clothing" to avoid detection. To catch a Fox, think like a Fox!

Results of the first Fox Hunt

DeKalb Fox Hunt winners Robert Dean, KC9UHU and David Spence, K9NDU are shown with their direction finding antennas. The Kendallville team was declared the winner of the first Auburn Fox Hunt, finding the fox after tracking only 16 minutes. (The fox is enclosed in the

white PVC pipe attached to the electrical box, above.) The July 20 event was sponsored by the DeKalb Outdoor Theater and the Northeastern Indiana Amateur Radio Club. Bob and David will be the Fox for the next DeKalb hunt, scheduled for August 17. Contact Jack Dold, W9OWO for further details.



Winners Robert Dean, KC9UHU and David Spence, K9NDU

CONTEST CALENDAR

Here are a few of the contests that will be held in the next few weeks. Please refer to the contest web sites for full rules, scoring information, operating periods or time limits, and log submission information.

Some of the places on-line with information on contest include:

ARRL Contest Corral Web page: <http://www.arrl.org/contests>

ARRL Contest Update: <http://www.arrl.org/contest-update-issues>

WA7BNM Contest Calendar: <http://www.hornucopia.com/contestcal/>

ARRL's National Contest Journal: <http://www.arrl.org/ncj>

Contesting On-Line: <http://www.contesting.com/>

ARRL UHF CONTEST			NORTH AMERICAN QSO PARTY			ARRL 10 GHz AND UP CONTEST		
AUG 2, 1800Z		AUG 3, 1800Z	AUG 2, 1800Z		AUG 3, 0600Z	AUG 16, 6 AM		AUG 17, 12 AM
-	222+	PHONE, CW, DIGITAL	1.8-28	-	CW	-	10G+	PHONE, CW, DIGITAL
4-CHAR GRID SQUARE			NAME AND STATE			6-CHARACTER GRID LOCATOR		
arrl.org/contests			ncjweb.com			arrl.org/contests		
NORTH AMERICAN QSO PARTY			ARRL ROOKIE ROUNDUP			HAWAII QSO PARTY		
AUG 16, 1800Z		AUG 17, 0600Z	AUG 17, 1800Z		AUG 17, 2359Z	AUG 23, 0400Z		AUG 25, 0400Z
1.8-28	-	PHONE	3.5-28	-	DIGITAL	1.8-28	-	PHONE, CW, DIGITAL
NAME AND STATE			BOTH CALLS, NAME, CHECK, S/P/XE OR "DX"			RS(T) AND HAWAII MULTIPLIER OR S/P		
ncjweb.com			www.arrl.org/contests			www.hawaiiqsoparty.org		
KANSAS QSO PARTY			OHIO QSO PARTY			COLORADO QSO PARTY		
AUG 23, 1400Z		SEE WEBSITE	AUG 23, 1600Z		AUG 24, 0400Z	AUG 30, 1200Z		AUG 31, 0400Z
3.5-28	50,144	PHONE, CW, DIGITAL	3.5-28	-	PHONE, CW	1.8-28	50+	PHONE, CW
RS(T) AND KS COUNTY OR S/P/"DX"			SERIAL AND S/P OR "DX"			CALL SIGN, NAME, AND COUNTY OR S/P/C		
www.ksqsoparty.org			www.ohqp.org			www.ppraa.org/coqp		

Classified Ads

Items for Sale

Want to Buy



If you have something you would like to have listed in the classified section then please send an email to the newsletter editor at ab9zd@arrl.net.

ANGOLA HAMFEST



SPONSORED BY THE LAND OF LAKES AMATEUR RADIO CLUB

SATURDAY AUGUST 9, 2014

8:00AM – 12:00PM

Angola Community Church of the Nazarene

255N Gerald Lett Ave

ANGOLA, INDIANA 46703

Rig for sale: New in the box! Ten Tec model 544 Transceiver, 80 thru 10 meters (no WARC bands), 100 watts, SSB & CW, plus matching mic, key, power supply and tuner. This fellow bought it, but never got his ham license. Never used. Please contact Steve, W9SAN, for information, and this guys phone number.

Membership Application for ☐ ACARTS - and/or - ☐ FWRC

Name: _____ Call sign: _____ License class: _____

Street address: _____ City: _____

State: _____ ZIP: _____ - _____ Phone #: (_____) _____ - _____ Unlisted? ☐ Yes

Email address: _____ ARRL Member? ☐ Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$20.00/yr. premium.

How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

A.C.A.R.T.S. Dues

Regular membership ☐ \$12.00 / year

Additional family members¹ ☐ \$6.00 / year

Student membership² ☐ \$6.00 / year

Associate membership³ ☐ \$6.00 / year

(New Regular memberships are \$1/month)

Fort Wayne Radio Club Dues

Regular membership ☐ \$20.00 / year

Family membership¹ ☐ \$30.00 / year

Student membership² ☐ \$5.00 / year

Associate membership³ ☐ \$20.00 / year

Mailed newsletter premium ☐ \$20.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. Unlicensed member

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

ACARTS

PO Box 10342

Fort Wayne, IN 46851-0342

Fort Wayne Radio Club.

PO Box 15127

Fort Wayne, IN 46885-5127

For dual membership, send a check to each club for your respective membership. Payment by check is strongly encouraged!

ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority

147.255 (+) General use

443.800 (+) General use

(For autopatch 88 has only speed dial emergency #'s.)

ACARTS Digital Repeaters (digirepeaters)

144.390 (s) APRS - wide

145.530 (s) W9INX-1 Digipeater and Node

Fort Wayne Radio Club Repeaters

Voice:

146.76 (-) General use

146.94 (-) General use with autopatch

146.91 (-) EchoLink connection repeater

Node number 519521

444.875 (+) General use

ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

D-STAR

442.99375, Offset + 5.0 MHz, W9TE ___ B, W9TE ___ G

Indiana D-STAR net, 1st and 3rd Thursday, 7:30 - 8:30,

Reflector REF024B

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 6:30 p.m. on 146.88-

Tri State Two Meter Net: meets daily at 7:00 p.m. on 147.015+

21 Repeater Group: Wed. at 7:30 p.m. on 147.150

Help and Swap Net: Mon. at 9:00 p.m. 146.94(-)

Daily Indiana Traffic Net: 3.910 @ 8:30 a.m. & 3.940 @ 6:00 p.m. local times.

Daily (QIN) Indiana Section CW net: 3.535 @ 8:00 a.m. & 8:00 p.m. local times.

Miscellaneous Nets

Allen Co. ARES Training Net: Tue. at 9:00 p.m. on 146.94-

Huntington ARES: Sat. at 8:00 p.m. on 146.685-

Whitley Co. ARES: Wed. at 8:00 p.m. on 145.270

(Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sun. at 8:00 p.m. on 444.550+, 131.8 PL

"No-Name" Net: 8:30 pm Sunday and Wednesday nights. 1.965 MHz or cross band on the 146.91 repeater.

Little Red Barn Net: Weekdays @ 8:30 a.m. on 3820 kHz.

Northeast Indiana Packet Net: Sunday at 9:00 p.m. on 145.530 @ 1200 baud. We use unconnected converse mode to communicate for a roundtable net setting. Use your "UNPROTO" command or equivalent to set Digi path(s) through the strongest station(s) needed between you and your destination. Only use those that are necessary! Have all your "Monitor" settings on so you can see everyone.

FWRC YL Net: Wed. 7:00 p.m. on 146.76-

FWRC 6 Meter Net: Tue. 8:00 p.m. on 50.580 USB

6 Meter AM Net: Thurs. 8:00 p.m. on 50.580 AM

FW Area Student Net: Wed. 9:00 p.m. on 146.91-

Indiana HF Traffic Nets Web Site:

<http://www.inarrl.org/inhfnet.html>

To:

Activities Calendar



Date	Time	Event	Place
08/03/2014	1:30 PM	Foxhunt	Marsh Food Store Parking Lot
08/05/2014	7:00 PM	FWRC Board Meeting	GSUMC
08/12/2014	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
08/15/2014	6:30 PM	FWRC Tailgate Hamfest	GSUMC
08/16/2014	1:00 PM	ACARTS Picnic	At the QTH of Jim Boyer, KB9IH
09/07/2014	1:30 PM	Foxhunt	To Be Announced
09/09/2014	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
09/09/2014	7:00 PM	FWRC Board Meeting	GSUMC
09/16/2014	7:00 PM	ACARTS General Meeting	Salvation Army Facility
09/19/2014	7:00 PM	FWRC General Meeting	GSUMC
11/15/2014	9 AM - 4 PM	2014 Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/16/2014	9 AM - Noon	2014 Fort Wayne Hamfest	Allen County War Memorial Coliseum